



May 16, 2006

TO: See Distribution List

FROM: Martha Lamont
Director

SUBJECT: Semi-Annual Program Plan (July through December 2006) – Pesticide Data Program

This Program Plan serves as the current Statement of Work for the period July through December 2006 for each of the States participating in the Pesticide Data Program (PDP). This document also stipulates work assignments for the Federal facilities participating in PDP. The contents of the Plan have been discussed with the U.S. Environmental Protection Agency (EPA).

I. ADMINISTRATIVE UPDATES

- A. Summary Status:** The 2004 PDP Annual Summary has been released and is available on the PDP website. The 2005 database is being reconciled in preparation for drafting the 2005 PDP Annual Summary.
- B. Personnel:** Program participants are reminded to keep PDP management informed of any critical personnel vacancies, staffing issues, or expected increases in rent (due to laboratory or office renovation/relocation, etc.). The Monitoring Programs Office (MPO) requires this information for financial management, workload assignments, and to monitor potential backlogs.
- C. Florida Operations:** PDP operations in Florida will be consolidated in the Tallahassee facility. Effective July 1, 2006, all commodities previously tested by the Winter Haven, Florida (FL2) laboratory will be analyzed by the Tallahassee, Florida (FL1) laboratory.
- D. Program Meetings:** A combined PDP and Microbiological Data Program (MDP) Technical/Quality Assurance (QA) Meeting was held March 27-31, 2006, at the Virginia Division of Consolidated Laboratory Services (DCLS), Richmond, Virginia. Agenda topics included: administrative and planning issues; program results reporting; commodity groupings and method validation; marker compounds; problem compounds; proficiency testing; data package requirements; and Standard Operating Procedure (SOP) revisions and archival.
- E. Technical Advisory Group (TAG):** Theresa Struble, Michigan, replaces Harnek Nijjar, California as the PDP Technical Advisory Group (TAG) Presiding Member. Harnek left the California Department of Food and Agriculture (CDFA) February 28, 2006, to accept a position with the California Air Resource Board. Heidi Phillips, Colorado, and Gail Parker, Florida, also serve on the TAG. Gail was elected to the group during the March 2006 Technical/QA Meeting in Richmond, Virginia.

F. July through December 2006 Proficiency Testing (PT) Program: The following table outlines the PT program schedule for July through December 2006. This portion of the PT program includes samples for fresh and processed fruit and vegetables, poultry, and water.

PE SET NO.	SHIPMENT DATE ¹	PROVIDER	COMMODITY	LABORATORY
145	July 2006	CDFA	Applesauce	CA1, NY1
146	August 2006	Ultra	Water	CO1, MN1, MT1, NY1
147	September 2006	CDFA	Poultry	US2
148	October 2006	AOAC	Peaches	CA1, FL1, MI1, NY1, OH1, TX1, WA1
149	November 2006	CDFA	Raisins	CA1, TX1
150	December 2006	CDFA	Peas (frozen)	CA1, FL1

¹ Target shipment date for all providers is the second Tuesday of the month.

For assays involving applesauce, poultry, raisins, and frozen peas, please provide analytical methods and any special requirements for sample preparation (e.g., silinization of glassware) to the CDFA, Quality Assurance Unit (QAU). These samples are subject to validated compounds specified in the applicable PDP-QC-13 addendum. Analyte levels are determined based on the limits of detection (LODs) reported to the PDP central database. Report results via e-mail to the CDFA QAU using the Excel template provided with the PT set.

General multi-residue method (MRM) samples for fresh fruit and vegetables will be supplied by AOAC in October 2006. Participants are only evaluated for those residues analyzed by their laboratory and the report provided will clearly identify these pesticides. A list of potential target chemicals may be viewed at <http://www.aoac.org/proficiencytesting/resultchecklist.PDF>. Please report results according to AOAC reporting requirements.

For water, Ultra will supply custom mixes to be spiked by the laboratory QAU into water matrix according to the protocol supplied by MPO. Samples will then be transferred to the technical group for analysis. Results for all samples should be reported via e-mail or fax to MPO using the form provided with the PT set.

For all PT rounds, laboratories are encouraged to also report results via RDE. Please contact MPO for further information/instructions.

G. Standard Operating Procedures (SOPs):

New and Revised SOPs Released March 1, 2006

- PDP-LABOP-12, Animal Tissue Analysis

New and Revised SOPs Released April 1, 2006

- PDP-LABOP-13; Receipt, Custody, Preparation, Packaging, and Shipment of PDP Homogenates
- PDP-QC-13 Apples, Commodity Specific Requirements for Apples
- PDP-QC-13 Bananas, Commodity Specific Requirements for Bananas
- PDP-QC-13 Carrots, Commodity Specific Requirements for Carrots
- PDP-QC-13 Grapefruit, Commodity Specific Requirements for Grapefruit
- PDP-QC-13 Oranges, Commodity Specific Requirements for Oranges
- PDP-QC-13 Peas, Commodity Specific Requirements for Peas
- PDP-QC-13 Potatoes, Commodity Specific Requirements for Potatoes
- PDP-QC-13 Spinach, Commodity Specific Requirements for Spinach
- PDP-QC-13 Watermelon, Commodity Specific Requirements for Watermelon
- PDP-QC-13 Winter Squash, Commodity Specific Requirements for Winter Squash

New and Revised SOPs to be Released July 1, 2006

- PDP-ADMIN-01, Facilities
- PDP-ADMIN-02, Personnel and Organization
- PDP-ADMIN-03, Training/Personnel Records
- PDP-ADMIN-06B, Laboratory Quality Assurance Units (QAUs)
- PDP-ADMIN-08, Historical SOP File
- PDP-DATA-01, Data Reduction and Validation
- PDP-DATA-02, Reporting Results
- PDP-DATA-03, Quantitation and Confirmation of Pesticide Residues
- PDP-DATA-04; Data Submission, Storage, Retrieval, and Archiving
- PDP-DATA-05, Remote Data Entry (RDE) System
- PDP-DATA-06, Data Review Requirements
- PDP-LABOP-03; Sample Preparation for Fresh Fruit and Vegetable, Grain, and Processed Commodities
- PDP-QC-01, Blanks and Spikes Required per Set
- PDP-QC-04, Acceptability Criteria for Process Control and Fortification Recoveries
- PDP-QC-05, Approval Process for Method Modification
- PDP-QC-13; Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings
- PDP-QC-13 Raisins, Commodity Specific Requirements for Raisins

SOPs to be Archived July 1, 2006

- PDP-QC-03, Performance Evaluation of Technical Personnel

New and Revised SOPs to be Released October 1, 2006

- PDP-ADMIN-04, Equipment
- PDP-ADMIN-05, Laboratory Safety
- PDP-ADMIN-06A, USDA/AMS Quality Assurance Program
- PDP-ADMIN-07, Preparation of SOPs
- PDP-LABOP-02, Chain of Custody Procedures
- PDP-LABOP-04; Method SOPs, Extraction, Clean-up, and Analysis
- PDP-LABOP-05; Reagents Preparation, Labeling, and Storage
- PDP-LABOP-06, Glassware Calibration and Cleaning
- PDP-QC-07, Demonstration of Method Performance
- PDP-QC-10, Estimation of LOD and LOQ for Chromatographic Methods
- PDP-QC-13 Broccoli, Commodity Specific Requirements for Broccoli

- PDP-QC-13 Corn Grain, Commodity Specific Requirements for Corn Grain
- PDP-QC-13 Greens, Commodity Specific Requirements for Greens
- PDP-QC-13 Peaches, Commodity Specific Requirements for Peaches
- PDP-QC-13 Soybeans, Commodity Specific Requirements for Soybeans
- PDP-QC-13 Summer Squash, Commodity Specific Requirements for Summer Squash
- PDP-QC-16, ISO 17025 Links to PDP SOPs
- PDP-STD-01, Analytical Reference Standards Receipt and Storage
- PDP-STD-02, Analytical Reference Standards Preparation
- PDP-STD-03, Analytical Reference Standards Quality Control

SOPs to be Archived October 1, 2006

- PDP-QC-14, Quality Assurance/Quality Control for Water

H. Electronic Transfer of Data

RDE Version Upgrades: The current version of the Web-based RDE system was installed in June 2005 and the next version upgrade is tentatively scheduled for July 2006. The report generation problems will be addressed in the next version upgrade. A version upgrade of the RDE e-SIF system for laptops/palmtops was distributed in December 2005 to add selection lists for populating the post-harvest treatment field and to allow the user to change an existing Sample ID that has an erroneous entry. MPO maintains a Change Request Database to capture all problems identified and suggestions made regarding the RDE system.

e-SIF History Database Maintained at MPO: A new database has been implemented at MPO to capture each electronic Sample Information Form (e-SIF) record submitted by sample collectors. The e-SIF clearinghouse system at MPO uses this database to identify and block duplicate e-SIFs. The database will be used by the MPO Sampling staff to analyze trends and ensure that required information is being entered on the SIFs. The database allows MPO to generate a summary report of State e-SIF counts, including the number of reported samples versus the actual number expected. The database should allow MPO to respond quicker to laboratory inquiries about missing e-SIF records.

- I. Cooperative Agreements:** Cooperative agreements for Fiscal Year (FY) 2006 have been issued. As a reminder, billing must be monthly and contain a breakdown of sampling vs. testing costs according to the categories listed on the budget tracking template provided by MPO.

II. PROGRAM SAMPLING AND TESTING UPDATES

- A. Sampling Changes and Rotations:** (Draft 3rd and 4th Quarter 2006 Shipping Charts are attached to this document. Actual shipping dates and fact sheets will be sent under separate cover with final versions of the Shipping Charts.)

Sampling Deletions

Winter squash collection ends *June 30, 2006*.

Cauliflower collection ends *September 30, 2006*.

Orange juice collection ends *September 30, 2006*.

Watermelon collection ends *September 30, 2006*.

Wheat grain sampling ends *September 30, 2006*. Sampling was performed by USDA GIPSA. This completes two crop years for wheat.

Sampling Additions

Raisins are being added *July 1, 2006*. With the exception of samples from California and Maryland, samples will be sent to the Texas (TX1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Broccoli is being added *October 1, 2006*. All samples will be sent to the New York (NY1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Peaches are being added *October 1, 2006*. With the exception of samples from California and Maryland, samples will be sent to the Washington (WA1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Summer squash is being added *October 1, 2006*. With the exception of samples from California and Maryland, samples will be sent to the Texas (TX1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Greens (collard/kale) are being added *October 1, 2006*. With the exception of samples from California and Maryland, samples will be sent to the Florida (FL1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Corn (whole grain) sampling begins October 1, 2006. Corn samples will be collected by the USDA Grain Inspection, Packers and Stockyards Administration (GIPSA) and shipped to the GIPSA laboratory (US3), Kansas City, Missouri.

Soybean sampling begins October 1, 2006. Soybean samples will be collected by USDA GIPSA and shipped to the GIPSA laboratory (US3), Kansas City, Missouri.

Sampling Continuations

Applesauce, bananas, carrots, eggplant, grapefruit, peanut butter, frozen peas, plums, frozen potatoes, spinach, and bottled water will continue to be sampled.

Poultry samples will continue to be collected by USDA Food Safety and Inspection Service (FSIS) personnel and shipped to the AMS National Science Laboratory [NSL (US2)], Gastonia, North Carolina.

Water survey: Raw and treated drinking water sampling will continue with testing services provided by the Colorado (CO1), Montana (MT1), and New York (NY1) laboratories. Samples will continue to be collected by participating water facility personnel, with a USDA contractor, Great Lakes Environmental Center (GLEC), providing sampling support service.

B. Testing Deletions and Changes:

Testing Deletions

Winter squash collection ends *June 30, 2006*. This ends multi-residue testing of winter squash under SOP PDP-QC-13 Winter Squash by California (CA1) and Texas (TX1).

Cauliflower collection ends *September 30, 2006*. This ends multi-residue testing of cauliflower under SOP PDP-QC-13 Cauliflower by New York (NY1).

Orange juice collection ends *September 30, 2006*. This ends multi-residue testing of orange juice under SOP PDP-QC-13 Oranges by California (CA1) and Washington (WA1).

Watermelon collection ends *September 30, 2006*. This ends multi-residue testing of watermelon under SOP PDP-QC-13 Watermelon by California (CA1), Tallahassee, Florida (FL1), and Texas (TX1).

Wheat grain collection ends *September 30, 2006*. This ends multi-residue testing for wheat grain under SOP PDP-QC-13 Wheat by the USDA GIPSA (US3) laboratory, Kansas City, Missouri.

Testing Additions

Raisins are being added *July 1, 2006*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Texas (TX1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Raisins. Draft requirements include all current registered uses for grapes and/or raisins. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Broccoli is being added *October 1, 2006*. Multi-residue testing for all samples will be performed by the New York (NY1) laboratory. Commodity specific requirements are listed in draft revised SOP PDP-QC-13 Broccoli. Draft requirements include all current registered uses for broccoli. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Peaches are being added *October 1, 2006*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Washington (WA1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft revised SOP PDP-QC-13 Peaches. Draft requirements include all current registered uses for peaches. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Summer squash is being added *October 1, 2006*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Texas (TX1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Summer Squash. Draft requirements include all current registered uses for summer squash. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Greens (collard/kale) are being added *October 1, 2006*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Florida (FL1)

laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Greens. Draft requirements include all current registered uses for greens. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Soybean testing begins *October 1, 2006*. USDA GIPSA inspectors will collect and ship soybean samples to the GIPSA laboratory (US3), Kansas City, Missouri for multi-residue testing. Draft requirements focus on compounds intended for use to combat soybean rust and are listed in draft revised SOP PDP-QC-13 Soybeans. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Corn grain testing begins *January 1, 2007*. USDA GIPSA inspectors will collect and ship corn samples to the GIPSA laboratory (US3), Kansas City, Missouri for multi-residue testing. Commodity specific requirements are listed in draft SOP PDP-QC-13 Corn. Draft requirements include all current registered uses for corn. Please contact the PDP Technical Director with any necessary changes to this testing profile.

Testing Continuations

Multi-residue testing for **applesauce, bananas, carrots, eggplant, grapefruit, peanut butter, frozen peas, plums, frozen potatoes, spinach, and bottled water** continue.

Poultry continues. Multi-residue testing for all samples is performed by the AMS NSL (US2) laboratory, Gastonia, North Carolina. Commodity specific requirements are listed in SOP PDP-QC-13 Poultry.

Water survey: Raw and treated drinking water sampling will continue with testing services provided by the Colorado (CO1), Montana (MT1), and New York (NY1) laboratories. Collection sites will be revised January 2007. GLEC will continue to provide sampling support services and collection will continue to be performed by participating water facility personnel.

C. Web Site for PDP Information:

For Pesticide Data Program information check out our Internet Web Site:

<http://www.ams.usda.gov/science/pdp/>

Attachment